

**Bonneville Power Administration
Fish and Wildlife Program FY99 Proposal**

Section 1. General administrative information

Protect Klickitat River and Wind River salmonids

Bonneville project number, if an ongoing project 9066

Business name of agency, institution or organization requesting funding
Washington State Department of Fish and Wildlife

Business acronym (if appropriate) WDFW

Proposal contact person or principal investigator:

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Subcontractors.

Organization	Mailing Address	City, ST Zip	Contact Name

NPPC Program Measure Number(s) which this project addresses.

NMFS Biological Opinion Number(s) which this project addresses.

Other planning document references.

Subbasin.

Klickitat River and Wind River

Short description.

Protect wild salmonid adults and juveniles. Prevent habitat degradation in the Klickitat

and Wind River subbasins. Protect spawning areas from degradation caused by boating activities in the Klickitat.

Section 2. Key words

Mark	Programmatic Categories	Mark	Activities	Mark	Project Types
X	Anadromous fish		Construction	X	Watershed
	Resident fish		O & M		Biodiversity/genetics
	Wildlife		Production		Population dynamics
	Oceans/estuaries		Research		Ecosystems
	Climate		Monitoring/eval.		Flow/survival
	Other		Resource mgmt		Fish disease
			Planning/admin.		Supplementation
		X	Enforcement		Wildlife habitat en-
			Acquisitions		hancement/restoration

Other keywords.

Ecosystem preservation, spawning area protection through user education

Section 3. Relationships to other Bonneville projects

Project #	Project title/description	Nature of relationship

Section 4. Objectives, tasks and schedules

Objectives and tasks

Obj 1,2,3	Objective	Task a,b,c	Task
1	Enforce closures to protect Spring Chinook & wild steelhead	a.	Emphasis patrols 4/1 to 7/31 to enforce rules from Klickitat mouth to Outlet Creek
		b.	Emphasis monitoring of tribal harvest 4/1 to 5/22 below #5 fish ladder on Klickitat.
		c.	Emphasis patrols 4/1 to 7/31, to enforce closures for spring smolt protection on Toutle and Panther Creeks (Wind sub-basin). Adult return protection 7/1 to 12/31.
2	Prevent stream degradation in	a.	On site checks of all priority 1 and

	Wind and Klickitat sub-basins.		2 HPA permits
		b.	Weekly aircraft flights to locate illegal stream work - use GPS
3	Protect juvenile salmonids in Wind and Klickitat.	a.	Emphasis monitoring 4/1 to 7/31 to enforce minimum size rule
4	Prevent illegal sale of subsistence caught fish in Klickitat.	a.	Uniformed and covert enforcement to stop illegal sales from #5 fish ladder
5	Prevent spawning area degradation in Klickitat.	a.	Educate private & commercial boat operators on disturbance factors

Objective schedules and costs

Objective #	Start Date mm/yyyy	End Date mm/yyyy	Cost %
1	04/1999	12/1999	68
2	01/1999	12/1999	18
3	04/1999	07/1999	7
4	04/1999	05/1999	1
5	01/1999	12/1999	6

Schedule constraints.

Emergency rules

Completion date.

1999

Section 5. Budget

FY99 budget by line item

Item	Note	FY99
Personnel	Detachment 6 - 7 FTE / SIU - 2 FTE	126,960
Fringe benefits		31,035
Supplies, materials, non-expendable property	Equipment available from CBLEC grant	
Operations & maintenance	Patrol vehicles during activity and flights	27,705
Capital acquisitions or improvements (e.g. land, buildings, major equip.)		

PIT tags	# of tags: NA	
Travel	This is in addition to normal duties + OT	2,670
Indirect costs		35,791
Subcontracts		
Other		
TOTAL		224,161

Outyear costs

Outyear costs	FY2000	FY01	FY02	FY03
Total budget				
O&M as % of total				

Section 6. Abstract

To participate in the recovery plan for wild steelhead, spring chinook and coho. Tribal, fishing, rafting guides, sport fishing and other land use activities directly impact these fish. Many of the rivers are accessible by boat and walk in only. Wind River wild steelhead are expected to be listed by NMFS by spring 1998. There are numerous Klickitat camping and/or boat launch facilities both privately and publicly owned. Limited access to much of the Klickitat and Wind Rivers provide opportunity to illegally take these species.

This proposal will provide for adequate staffing to protect adult and juvenile salmonids, monitor watershed development work, stop illegal sales of subsistence fish, obtain information on wild steelhead release compliance for sport fishery impact and impact information from tribal subsistence fishery where wild fish are legally taken.

This proposal enhances the FWP effort on restoring salmonid populations, controlling watershed degradation and educating users as to the value of these resources. This proposal focuses on seasonal activity as well as year-long efforts to accomplish watershed protection and public education. Activity will be documented and entered into NMFS and agency data base. Monthly activity will be summarized quarterly with an annual report.

Section 7. Project description

a. Technical and/or scientific background.

The increased popularity of outdoor recreation that the Klickitat and Wind Rivers provide, i.e., kayaking, rafting, sport and commercial fishing, coupled with decreasing sport and tribal fishing opportunities in the Columbia River has contributed to increased pressure of the tributary fisheries. Limited access provides ample opportunity for illegal take. In the past four years there have been numerous illegal nets removed from these lower rivers and high numbers of close season violations. Tribal dip nets in the Klickitat, set net violations, and the sale of subsistence fish continue to be a problem. At current run levels a single net in this river for one evening could impact wild and hatchery

escapement goals.

As identified by the FWP, the Klickitat and Wind Rivers were productive steelhead and spring chinook streams until development resulted in declines of these populations.

Restoration of these fish must be accomplished by a holistic approach to protection.

Illegal take is significant. This proposal benefits the FWP by identifying objectives that will reduce mortality on adult and juvenile salmonids, curtail if not stop illegal sales of subsistence fish and provide control of stream degradation. The enforcement effort will also provide biological information that can be used to assess fishery impacts on wild salmon and steelhead in the Klickitat and Wind Rivers. This project is the enforcement component of a comprehensive fishery manager, habitat protection and enforcement effort to protect the Klickitat and Wind Rivers fishery resource.

b. Proposal objectives.

Objective 1. Enforce closures. Conduct emphasis to protect spring chinook & wild steelhead from Klickitat mouth to Outlet Creek, and on Toutle and Panther Creeks (Wind sub-basin). This effort would provide a continual uniformed presence on the river during the April thru July period. This has proved to be an effective deterrent reducing illegal take to less than 5% of legal harvest. This is especially true in the dip net area of #5 fish ladder on the Klickitat.

Objective 2. Prevent stream degradation. All priority 1 and 2 HPA permits will be checked on site; weekly aircraft flights will identify watershed problems and provide quick work stoppage at illegal sites. Aircraft and patrol officers will use GPS units to identify exact site locations in both Klickitat and Wind sub-basins.

Objective 3. Protect juvenile salmonids. Uniformed emphasis from April to July will stop or minimize smolt loss.

Objective 4. Prevent illegal sale of Klickitat subsistence caught fish. Uniformed presence reduces illegal take and sales. Covert surveillance and investigation will stop illegal activity.

Objective 5. Prevent Klickitat spawning area degradation. Officers contacting private and commercial boat operators will educate them on disturbance factors. Most public when given good and timely information will respond positively and assist in protecting the habitat and resource.

This activity will be documented and entered into current data bases maintained by NMFS and this agency. Monthly reports will be summarized quarterly and an annual report published.

c. Rationale and significance to Regional Programs.

FWP stated objectives are to restore declining fish resources and their habitats in the Columbia River basin. This project focuses on the practical protection that provides the missing link in the holistic approach to management goals. Law enforcement effort is a hand in glove activity that compliments management efforts on the ground.

Substantial illegal take (commercially, sport, or subsistence) will result in nullification of other recovery efforts in the basin. There is substantial stream degradation that will take

a long time to restore. Enforcement effort will constrain if not stop most illegal take; our effort will also bring a speedier resolve to habitat restoration. This project will enhance the multiple projects the FWP has initiated with WASHINGTON DEPARTMENT OF FISH & WILDLIFE Fishing Mgt Program and the Yakima Indian Nation. For the Klickitat, this will be an example of fish, habitat and law enforcement managers working together to restore habitat and salmonid populations.

d. Project history

e. Methods.

Objective 1. Officers will conduct day and night patrols to assure compliance with spring chinook and wild steelhead closures, and enforce rules on wild steelhead release. This includes contacting public that may be preparing to fish and informing them of the closures and the reasons. All contacts will be documented. Area covered: Lyle upstream to Outlet Creek on Klickitat; from mouth upriver to Carson National Fish Hatchery on the Wind. The increased uniformed presence will greatly reduce or stop closed area or season activity.

For Klickitat, a focused effort to monitor tribal harvest below #5 fish ladder. Uniformed presence and covert surveillance during the open and closed periods will reduce or stop closed season violations and illegal sales of subsistence fish. Covert activity will include purchasing subsistence fish from fishers. Primary period: 4/1/98 to 5/22/98; dates flexible depending on tribal seasons. Information on numbers of wild steelhead in subsistence catch will be collected.

Objective 2. On site inspections of all priority 1 and 2 HPA permits in both sub-basins will increase compliance with permit provisions for increased stream & habitat protection. Weekly aircraft flights will be conducted to survey the entire watershed. This will enable officers to check more permitted work sites to check for obvious violations of permit provisions, and locate work sites that are not permitted. Using GPS units, illegal sites will be precisely located on maps for ground patrols to make contact. This will stop illegal stream work and watershed development. It will bring a community awareness of watershed values.

Objective 3. Daily patrols, dependant on water conditions, to enforce minimum size rule to protect juvenile salmonids migrations in both sub-basins. Uniformed presence is the only way to protect smolts from fishing pressure.

Objective 4. This is a tie in with Objective 1 on tribal harvest for the Klickitat. This will be an emphasis on monitoring tribal harvest with uniformed presence and using our Special Investigations Unit (SIU) to purchase subsistence fish and conduct surveillance of the activity to document criminal intent of fishers.

Objective 5. Educational component on the Klickitat. Officer will contact boat operators on the river to educate them on disturbance factors, on spawning areas, from their boating activity. There are many types of boating use on this river, i.e., kayaking, rafting, sport and commercial fishing. Many of the users are unaware of how vulnerable spawnings areas are to seemingly harmless boating activity. Most often when public are made aware of resource issues, they cooperate and help in preserving the fish, wildlife

and habitat.

f. Facilities and equipment.

All specialized equipment was obtained through the first CBLEC grant. Routine maintenance is the on-going costs of vehicles, aircraft, boats, surveillance vehicle and cameras, night vision equipment and media equipment.

g. References.

Section 8. Relationships to other projects

FWP funded the CBLEC grant for enhanced law enforcement work first on the main stem Columbia River and then expanded to the basin. This proposal continues the holistic strategy of protecting anadromous stocks with a focus on wild fish from gravel to gravel. FWP has funded one project with the Yakama Indian Nation for Klickitat passage and habitat improvement: #9506800 - Passage/Habitat Preliminary Design Project in 1995. FWP is considering three other habitat projects. This proposal integrates the holistic concept involving all aspects of fish and habitat restoration, which is the law enforcement application to the public use of the resource and habitat. Fish, habitat and law enforcement managers will work cohesively to protect and restore. This is a better approach than accepting illegal take of fish as part of mortality statistics.

Section 9. Key personnel

Detachment 6 staff: Project Manager is the detachment sergeant. Staff includes six officers. Staff needs to be supplemented by Detachment 5, Enforcement, Habitat and Fish Management staff from WASHINGTON DEPARTMENT OF FISH & WILDLIFE Southwest Office in Vancouver and our Yakima Office.

Section 10. Information/technology transfer

Work will be documented using CBLEC Individual Officer Activity Reports and agency activity reports. NMFS maintains the CBLEC data base. Monthly, quarterly and annual reports are produced.